

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000112

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl.⁷ C04B35/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl.⁷ C04B35/60-35/84, B01J21/00-38/74, B01D39/00-41/04,
B04B35/00-35/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 05-085813 A (Kyocera Corp.), 06 April, 1993 (06.04.93), Par. Nos. [0012], [0023] to [0025]; table 4; Fig. 5 (Family: none)	1
Y	JP 2001-334154 A (Hitachi Metals, Ltd.), 04 December, 2001 (04.12.01), Par. No. [0023]; table 2 (Nos. 1 to 12) (Family: none)	1-9
Y	JP 05-085856 A (NGK Insulators, Ltd.), 06 April, 1993 (06.04.93), Par. Nos. [0009] to [0011]; table 1(4) & US 5262102 A Column 4, lines 20 to 34; table 1(4) & EP 0535872 A1	1

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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- "E" earlier application or patent but published on or after the international filing date
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Date of the actual completion of the international search
26 January, 2005 (26.01.05)Date of mailing of the international search report
15 February, 2005 (15.02.05)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 02-255576 A (NGK Insulators, Ltd.), 16 October, 1990 (16.10.90), Page 2, lower left column; table 1(3) (Family: none)	1
Y	JP 11-092214 A (Corning Inc.), 06 April, 1999 (06.04.99), Table 2(26, 28 to 30) & US 6004501 A (CORNING INC.), 21 December, 1999 (21.12.99), Table 2(Nos. 26, 28 to 30)	1
Y	US 6048490 A (CORNING INC.), 11 April, 2000 (11.04.00), Table 2(No.52) & US 6210626 B1 (CORNING INC.), 03 April, 2001 (03.04.01), Table 2(No. 52) & EP 0894776 A1	1
Y	JP 2003-277162 A (NGK Insulators, Ltd.), 02 October, 2003 (02.10.03), Table 2(4), 3; examples 2, 4; comparative examples 1, 3 to 5; Par. Nos. [0059], [0031], [0075] & US 2003/0143370 A1 31 July, 2003 (31.07.03), Table 2(4), 3; examples 2, 4; comparative examples 1, 3 to 5; Par. Nos. [0071], [0045], [0092]	1-9
A	JP 2003-040687 A (NGK Insulators, Ltd.), 13 February, 2003 (13.02.03), Par. Nos. [0015], [0016] & US 2003/0166450 A1 04 April, 2003 (04.04.03), Par. Nos. [0022], [0023]	1-9
A	JP 2003-212672 A (NGK Insulators, Ltd.), 30 July, 2003 (30.07.03), Par. Nos. [0006] to [0010] & US 2003/0151155 A1 14 April, 2003 (14.04.03), Par. Nos. [0007] to [0013]	1-9
A	JP 2001-519310 W (Corning Inc.), 23 October, 2001 (23.10.01), Table 3 & WO 1999/018047 A1 15 April, 1999 (15.04.99), Table III	1